

## Listing of Claims

This listing of the claims will replace all prior versions, and listings, of claims in the application. Deleted material is shown in ~~strikethrough~~; or shown in ~~[[double brackets]]~~ to show the deletion of five or fewer characters. Inserted material is underlined, to show the changes made.

1. (Currently Amended) A magnetic material detection device comprising:  
wherein a magnet displaceable in the direction of magnetic  
poles; and  
detecting means with an operating point for detecting  
displacement of the magnet by the action that isodynamic lines of the  
magnet cross the operating point, ~~are set such that the boundary of~~  
~~north and south poles of said magnet crosses the operating point of~~  
~~said detection means after displacement, and~~  
wherein the magnetic material detection device detects that a  
magnetic material located outside the magnetic material detection  
device body is located at a given position where a predetermined  
distance is far within a predetermined distance from said magnetic  
material detection device body, by detecting the displacement of the  
magnet.
2. (Currently Amended) A magnetic material detection device according to  
claim 1 comprising returning means for returning the magnet to the given  
position where before the magnet is not displaced displacement if the magnet  
material when it is initially located at the given position far from the  
predetermined distance, and then it after the magnetic material is moved to  
located a position which is far from the given position to the predetermined  
distance.

3. (Currently Amended) A magnetic material detection device according to claim 1 comprising an elastic body for returning the magnet to the given position, whose one end is connected to the magnet side and whose other end is connected to the magnetic material detection device body.

5 4. (Currently Amended) A magnetic material detection device according to claim 1 comprising wherein a supporting member for supporting the magnet and second magnet which is different from said magnet, whose one end is connected to the magnet ~~[[side]]~~ and whose other end is connected to ~~[[the]]~~  
10 ~~second magnet which is different from said magnet~~,  
wherein such that the second magnet locates near a path of the magnetic material.

5. (Original) A magnetic material detection device according to claim 1  
15 wherein the configuration of the magnet is any one of a cube, a rectangular solid, a cylinder or a pipe.

6. (Currently Amended) A mobile object detection system comprising the magnetic material detection device according to claim 1 and the ~~[[an]]~~ mobile  
20 object comprising the magnetic material.